

## Sample Biology BS Pre-Physician Assistant 4-year plan

Fall – 14 hours	Spring – 15 hours
BIOL 1800: Intro to the Biology Major (1)	BIOL 1821: Intro Bio: Organisms and the Environment* (5)
Math 1030: College Algebra (3)	CHEM 1111: Introductory Chemistry I* (5)
ENGL 1100: First Year Writing I* (3)	Math 1035: Trigonometry (2)
Core: US History and Government (3)	Comm 1040: Public Speaking (3)
Explore: Social Sciences (Psych 1003) (3)	
INTDSC 1003: University Studies (1)	
Activities: Get involved in student organizations, Start researching doctors to shadow. Working towards a job as a Paramedic or other hands-on direct experience is strongly encouraged	Activities: Get to know faculty so that you can start inquiring about research opportunities, Volunteer/Community Service
Fall – 16 or 18 hours	Spring – 16 hours
CHEM 1121: Introductory Chemistry II* (5)	BIOL 2012: Genetics (3) *
BIOL 1831: Intro Bio: From Molecules to Organ* (5)	BIOL 2013: Genetics lab (2) *
Math 1100: Basic Calculus (3) or Math 1800: Analytical Geometry (5) *	Chem 2612: Organic Chemistry I* (3)
PHIL 2256: Bioethics* (3)	BIOL 3802: Vertebrate Physiology* (3)
	BIOL 3803: Vertebrate Physiology lab* (2)
	Math 1320: Intro to Probability & Statistics* (3)
Activities: Patient experience exposure, shadowing, community service /volunteer	Activities: Patient experience exposure, shadowing, community service; Line up Research lab opportunities with faculty for the fall
Fall – 16 hours	Spring – 14 hours
English 3160: Writing in the Sciences* (3)	BIOL 3302: Evolution (3)
BIOL 3622: Cell Biology (3) **	BIOL Diversity Course: Microbiology (3) *
CHEM 2633: Organic Chemistry Lab* (2)	BIOL 2000 level Lab: Microbiology Lab (2) *
BIOL 2402: Vertebrate Anatomy* (3)	BIOL 4732: Principles of Biochemistry *(3)
BIOL 2403: Vertebrate Anatomy lab* (2)	CHEM 2622: Organic Chemistry II* (3)
Explore: Social Science (3)	
GRE or MCAT Preparation (if applicable) and begin Take a Practice Exam	Take GRE or MCAT (no later than May; the earlier the better)
Fall – 16 hours	Spring – 13 hours
BIOL 4842: Immunobiology (3) **	BIOL 4889: Senior Seminar (2)
Physics 1011: Basic Physics I (3)	Physics 1012: Basic Physics II (3)
Physics 1011: Basic lab I (1)	Physics 1012: Basic Physics II lab (1)
Explore: Social Science (3)	Advanced course to support Application (3) **BIOL 4652
Explore: Humanities & Fine Arts (3)	Advanced course to support Application (1) Ex. research
Explore: Humanities & Fine Arts (3)	Cultural Diversity (3)
Good luck!	

- ✓ This plan was designed for students who plan to apply to a physician assistant program after their Junior (third) year of college with plans to begin Physician Assistant school right after graduation. This plan is for a first-time college student. For students transferring credits, plans may differ.
- ✓ If you are not a biology major, you can meet with your major advisor to create a specific plan for your degree. Please keep in mind the activities and timeline for GRE/MCAT preparation. Depending on when you are applying to physician assistant school, all pre-reqs should be completed before taking the test.
- ✓ Please keep in mind that each physician assistant school may have their own set up specific requirements. You should contact the school of your choice to get a list of requirements that are needed for admission into their program.
- ✓ Most schools require that you have at 500 or more hours of paid, direct, hands-on patient experience. This experience includes paramedic, CAN, CMA, health educator and so on.

\*Required before taking the exam or before completing the admission application

\*\*Recommended courses to take to support your application and admission